

# PLATFORM TECHNOLOGY IN OLIGONUCLEOTIDE MANUFACTURING

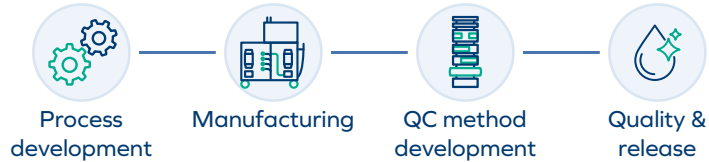
Two meanings, one strategic opportunity

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## Practical meaning

Not every program starts from zero

Processes can be tailored to molecules by means of **prior knowledge**, which is the culmination of years of manufacturing experience and extensive process knowledge.



### What this means

- ✓ Established process knowledge
- ✓ Experience across modalities, chemistries, and modifications
- ✓ Transferable learnings in manufacturing and analytics
- ✓ Reliable starting points for fast process adaption



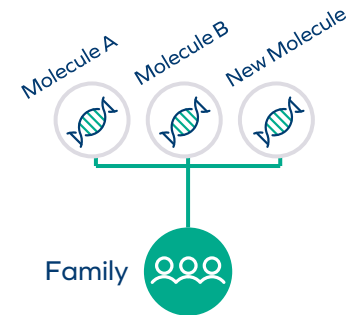
Platform processes to adapt and scale up processes faster

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## Regulatory meaning

A justified family concept

A regulatory platform driven by **prior knowledge** supports a more focused and accelerated validation approach without compromising reliability.



### What defines a family?

- ✓ Comparable chemistry
- ✓ Shared manufacturing concepts
- ✓ Aligned quality-relevant attributes
- ✓ Structured confirmation that a new molecule fits to the larger family



Accelerated approach to validation and market authorization

## Why it matters

More efficient CMC development from early-stage to commercially-ready processes